

1	<b>HOLOGRAPHIC PROCESS, COMPOSITION, OR PRODUCT</b>	28	.Using specified radiation- sensitive composition other than a nominal sensitized polyvinyl alcohol
2	.Composition or product or process of making the same		
3	<b>USE OF SOUND OR NONDIGITAL COMPRESSIVE FORCE</b>	29	.Using specified post-imaging process composition
4	<b>RADIATION MODIFYING PRODUCT OR PROCESS OF MAKING</b>	30	<b>INCLUDING CONTROL FEATURE RESPONSIVE TO A TEST OR MEASUREMENT</b>
5	.Radiation mask		
6	.Screen other than for cathode- ray tube	31	<b>ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY, ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS, COMPOSITION, OR PRODUCT</b>
7	..Color		
8	<b>MICROGRAPHY, PROCESS, COMPOSITION, OR PRODUCT OTHER THAN MICROELECTRONIC DEVICE MANUFACTURE</b>	32	.Electrophoretic imaging, process, composition, or product
9	<b>IMAGED PRODUCT</b>		
10	.Antifraud or antitampering	33	..Post treatment process to fix or transfer image, or collect or remove electric radiation sensitive pigment
11	.Structurally defined		
12	..Nonuniform or noncoextensive layer added to finished imaged product	34	..Pretreatment process to change the physical properties of electrophoretic suspension or specified imaging feature exposure
13	.Image contained within transparent base		
14	.Multilayer		
15	..Plural image layers	35	..Specified electric field applied or electric charging step
16	.Deposited metal coating on image		
17	.Nonsilver image		
18	.Including resin or synthetic polymer	36	..Manipulation of electrode
19	<b>ERASABLE IMAGING</b>	37	..Electric radiation sensitive pigment
20	<b>LIQUID CRYSTAL PROCESS, COMPOSITION, OR PRODUCT</b>	38	..Material used to modify electrophoretic suspension response
21	<b>RETRIEVING IMAGE MADE USING RADIATION IMAGERY</b>	39	.Magnetic imaging
22	<b>REGISTRATION OR LAYOUT PROCESS OTHER THAN COLOR PROOFING</b>	40	.Manifold imaging, process, composition, or product
23	<b>PRODUCING CATHODE-RAY TUBE OR ELEMENT THEREOF</b>	41	.Migration imaging, process, composition, or product, e.g., electrosolography, etc.
24	.Using specific control or specific modification of exposure, i.e., by manipulation of radiation source or exposure through elements other than shadow mask	42	.To produce a color reproduction, i.e., color named, or more than one color specified
25	.With light-absorbing matrix on faceplate	43	..Color correction
26	.With faceplate of phosphoric stripes	44	..Manipulation of color separation image to obtain a multicolor image in registration
27	.With filter material on finished faceplate	45	..Identified developing composition or identified developing feature
		46	..Identified radiation-conductive element or composition

47	..Identified receptor or named image transfer feature	58.25	....Cyclic ketone, cyclodicyanomethylene, or cyclomethylenemalonate in charge transport layer
48	.Electrostatic image transfer		
49	.To produce printing surface		
50	.Deformation imaging, e.g., frost imaging, etc.	58.3	....Containing at least three aryl groups bonded to a single carbon atom in charge transport layer
51	.Persistent internal polarization imaging		
52	.Electrolysis imaging	58.35	....Organic nitrogen in charge transport layer
53	.Using ion or particle flow modulation	58.4	.....Hydrazone containing
54	.To produce multiple image on medium or plural radiant energy exposures of medium, e.g., image intensification using two images, or two exposures of same image, etc.	58.45	.....Additional nitrogen attached indirectly to the hydrazone group by nonionic bonding
55	.Charging simultaneous with imaging	58.5	....Nitrogen hetero ring compound
56	.Radiation-sensitive composition or product	58.55	.....Pyrazole containing (e.g., including hydrogenated pyrazole, etc.)
57.1	..Having plural conductive layers	58.6	.....Carbazole containing or derivative
57.2	...With plural charge generation layers	58.65	.....Arylamine containing
57.3	....Nitrogen hetero ring compound in one or more charge generation layers	58.7	.....Polymeric arylamine containing
57.4	....Inorganic silicon (e.g., elemental silicon, silicon alloy or inorganic compound thereof) in one or more charge generation layers	58.75	.....Triamine, or diamine containing
57.5	.....With germanium (elemental, compound or alloy) in layer containing silicon	58.8	.....1,1' biphenyl 4,4' diamine (e.g., benzidine, etc.)
57.6	.....Germanium as dopant	58.85	.....Charge transport layer containing alkenylarylamine
57.7	.....P-type or N-type silicon containing (e.g., silicon doped with a Group IIIa, or a Group Va element)	59.1	....And specified charge generator layer
57.8	....Inorganic selenium (Se) (e.g., elemental selenium, selenium alloy or inorganic compound thereof)	59.2	....Charge generator layer contains compound having an acyclic azo group (i.e., -N=N-)
58.05	...Charge transport layer	59.3	.....Compound having an acyclic azo group and having either an azomethine (i.e., -CH=N), or a stilbene group; or a compound having three or more azo groups in charge generator layer
58.1	....Inorganic charge transport layer	59.4	....Phthalocyanine or phthalocyanine derivative compound in charge generator layer
58.15	....Sulfur containing hetero ring in charge transport layer	59.5	.....Titanium (Ti) or vanadium (V) phthalocyanine containing
58.2	....Organosilicon or organogermanium in charge transport layer	59.6	....With specified binder resin in transport layer

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|----|-------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 60 | ..Product having layer between radiation-conductive layer and base or support | 92     | .....Intercyclic-acyclic -CH= or intercyclic-acyclic chain which contains -CH=                                                                                                                         |
| 61 | ...Sensitizing layer                                                          | 93     | .....Cyanine dye                                                                                                                                                                                       |
| 62 | ...Conductive layer                                                           | 94     | ...Cadmium containing                                                                                                                                                                                  |
| 63 | ....Inorganic containing                                                      | 95     | ...Sensitized or doped                                                                                                                                                                                 |
| 64 | ...Blocking or barrier layer                                                  | 96     | ..Binder for radiation-conductive composition                                                                                                                                                          |
| 65 | ....Inorganic containing                                                      | 97     | ..Post imaging process, finishing, or perfecting composition or product                                                                                                                                |
| 66 | ..Product having overlayer on radiation-conductive layer                      | 98     | ..Fixing image by pressure only                                                                                                                                                                        |
| 67 | ...Electrically insulating overlayer                                          | 99     | ..Fixing image by heated metal roller                                                                                                                                                                  |
| 68 | ..Including radiation-conductive screen                                       | 100    | ..Reversal development                                                                                                                                                                                 |
| 69 | ..Including conductive base or support                                        | 101    | ..Impression development                                                                                                                                                                               |
| 70 | ..Radiation-conductive composition contains carbocyclic ring only             | 102    | ..Selective toner release                                                                                                                                                                              |
| 71 | ...Polycyclo ring system                                                      | 103    | ..Using development electrode                                                                                                                                                                          |
| 72 | ....Substituted                                                               | 104    | ..Finishing or perfecting composition or product                                                                                                                                                       |
| 73 | ...Containing amino or substituted amino group                                | 105    | ...Developing composition or product                                                                                                                                                                   |
| 74 | ....Alkyl amino group                                                         | 106.1  | ....Dry toner containing a chemically identified magnetic component                                                                                                                                    |
| 75 | ..Radiation-conductive composition contains hetero ring                       | 106.2  | ....Binary ferric or ferrous oxide containing magnetic component                                                                                                                                       |
| 76 | ...The hetero ring has at least nitrogen as a ring hetero atom                | 106.3  | ....Elemental metal or alloy magnetic component                                                                                                                                                        |
| 77 | ....Additional diverse ring hetero atom in the hetero ring                    | 107.1  | ....Dry multicolor toner (i.e., composition containing more than one colored toner (e.g., cyan, magenta, and yellow toners, etc.)) with chemically identified colorant or colorant identified by color |
| 78 | ....Polycyclo ring system having the hetero ring as one of the cyclo systems  | 108.1  | ....Dry toner with chemically identified adjuvant (e.g., charge control agent, colorant, etc.)                                                                                                         |
| 79 | .....Carbazole                                                                | 108.11 | ....Fluorine compound adjuvant                                                                                                                                                                         |
| 80 | .....Polymer or synthetic resin only                                          | 108.14 | .....Fluorophosphate salt or fluoroborate salt adjuvant                                                                                                                                                |
| 81 | .....Sensitized or doped                                                      | 108.15 | .....Organic fluorine compound adjuvant containing either nitrogen or phosphorus                                                                                                                       |
| 82 | .....Dye or pigment                                                           | 108.2  | ....Organic nitrogen or organic phosphorus compound adjuvant                                                                                                                                           |
| 83 | ..Sensitized or doped organic radiation conductor                             | 108.21 | .....Plural nitrogen or phosphorus atoms attached directly or indirectly to each other by nonionic bonding in the adjuvant                                                                             |
| 84 | ..Inorganic radiation conductive composition                                  |        |                                                                                                                                                                                                        |
| 85 | ...Alloy                                                                      |        |                                                                                                                                                                                                        |
| 86 | ....Having more than two constituents                                         |        |                                                                                                                                                                                                        |
| 87 | ...Zinc containing                                                            |        |                                                                                                                                                                                                        |
| 88 | ....And other radiation-conductive material                                   |        |                                                                                                                                                                                                        |
| 89 | ....And nonsensitizing additive other than binder                             |        |                                                                                                                                                                                                        |
| 90 | ....Sensitized or doped                                                       |        |                                                                                                                                                                                                        |
| 91 | .....Dye or pigment                                                           |        |                                                                                                                                                                                                        |

108.22	.....As a nitrogen- or phosphorus-containing polymer	111.34	.....Chemically identified elemental magnetic metal or magnetic alloy carrier
108.23	.....Azo containing adjuvant	111.35	.....Chemically or physically identified binder or coating resin for magnetic carrier
108.24	.....Heavy metal, aluminum, or silicon in the nitrogen or phosphorus compound	111.4	....Identified physical parameter of carrier particle or dry toner particle, etc. (T <sub>g</sub> , MW, coercivity, density, etc.)
108.3	.....Organic heavy metal, aluminum, or silicon compound adjuvant	111.41	.....Electrical or magnetic parameter
108.4	.....Carboxylic acid or ester compound adjuvant	112	....Liquid
108.5	.....Organic sulfur compound adjuvant	113	.....Multiple phase liquid carrier medium, i.e., emulsion
108.6	.....Metal oxide compound adjuvant (e.g., Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , etc.)	114	.....Identified toner, i.e., identified resin coated pigment, etc.
108.7	.....Inorganic silicon compound adjuvant	115	.....Identified adjuvant, i.e., surfactant, etc.
108.8	.....Hydrocarbon wax-containing adjuvant	116	.....Identified liquid carrier
108.9	.....Identified carbon black adjuvant	117	..Liquid development
109.1	....Dry toner having chemically identified binder	118	...Wetting development
109.2	.....Epoxy or oxirane compound (e.g., glycidyl, etc.) binder	119	...Charged solid particles deposited out of insulating liquid carrier
109.3	.....Vinyl addition binder (e.g., methacrylate, styrene or vinyl chloride addition products, etc.)	120	..Dry powder developing
109.31	.....Covalent nitrogen in the vinyl addition binder	121	...Cascade
109.4	.....Polyester backbone binder (e.g., condensation reaction product, etc.)	122	...Using magnetic brush
109.5	.....Organic nitrogen containing binder (e.g., polyamide, etc.)	123	...Using fur brush
110.1	....Identified dry toner physical structure	124	..Fixing image
110.2	.....Core-shell structure	125	..Cleaning radiation-conductive surface
110.3	.....Identified toner shape (e.g., recited shape parameter, etc.)	126	..Transfer of image to different surface
110.4	.....Having specified toner particle size distribution	127	..Process of making radiation-sensitive product
111.1	....Chemically identified carrier for dry toner	128	..Coating by vacuum deposition
111.2	.....Glass-containing carrier	129	..Extrusion coating
111.3	.....Magnetic carrier	130	..Thermal or energy treatment of radiation-sensitive layer, e.g., fusing, annealing, or solvent after treatment of radiation-sensitive layer, etc.
111.31	.....Ferrite containing magnetic carrier	131	..Applying subbing layer
111.32	.....Ferrite core-resin shell carrier	132	..Applying overlayer
111.33	.....The ferrite contains nonferrous metal oxide	133	..Applying radiation-sensitive layer
		134	...Heterogeneous
		135	..Process of making radiation-sensitive composition
		136	..Utilizing high temperature, e.g., by fusing, etc.

137.1	.Process of making developer composition	153	.Physical development
137.11	..By coating	154	.Composition or product which contains radiation sensitive compound having moiety of nitrogen double or triple bonded directly to nitrogen other than chromophore moiety, e.g., triazene containing product, etc., process of making, and composition or product used to finish or develop a diazo reproduction
137.12	...In situ polymerization to form shell, followed by polymerization to form core		..Product with at least two named layers
137.13	...Carrier core coating		...At least two radiation-sensitive layers
137.14	..By coalescing or aggregating		...Diazonium compound containing layer
137.15	..By polymerization		....Including subbing layer
137.16	...Chemical after treating of polymer		.....Silicon, nitrogen, or sulfur compound containing subbing layer
137.17	...Two-phase polymerization (e.g., oil-water)	155	....Polymer containing subbing layer
137.18	..By milling, grinding, crushing, or comminuting	156	....Acid, salt, or ester moiety ingredient containing subbing layer
137.19	...Milling, grinding, crushing, or comminuting in liquid	157	....Including overlayer or backing layer
137.2	...Milling with subsequent classification	158	...Diazonium salt with anion specified
137.21	..By dry blending developer components	159	...Diazo-N-sulfonate containing layer
137.22	..Making a liquid toner or concentrate	160	...Quinone diazide containing layer
138	<b>MICROCAPSULE, PROCESS, COMPOSITION, OR PRODUCT</b>	161	....Including additional layer
139	<b>LUMINESCENT IMAGING</b>		...Azide containing layer
140	<b>PRODUCT HAVING SOUND RECORD OR PROCESS OF MAKING</b>	162	..Process of making diazo product
141	<b>DIAZO REPRODUCTION, PROCESS, COMPOSITION, OR PRODUCT</b>	163	...Using specific adjuvant other than radiation-sensitive diazo compound
142	.Process producing multiple image	164	..Radiation-sensitive composition
143	..Color proofing, colloid transfer, or pigment development	165	...Diazonium compound containing
144	.Powder development of tacky surface	166	....At least two diverse diazonium compounds
145	.Photomechanical dye image prepared	167	....At least two couplers
146	.Diazo-type process, i.e., producing dye image by reacting the diazo or the imaged reaction product of the diazo	168	.....Includes additional adjuvant other than acidic stabilizer
147	..Negative image prepared	169	....Polymeric diazonium compound
148	..To make diazo-type intermediate, black-line image, or continuous-tone image	170	....Polymeric mixture
149	..Liquid development, e.g., aqueous solution with coupler, etc.	171	....Processing ingredient other than coupler or carboxylic acid compound
150	..Gaseous development, e.g., ammonia vapor, etc.	172	.....Metal salt ingredient
151	..Heat development	173	
152	.Vesicular process	174	
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		178	

179	.....Nitrogen atom containing organic ingredient	205	...Including imagewise removal of image receiving layer or portion thereof
180	....Naphthol coupler included	206	..Web processing of radiation-sensitive layer or imbibition of image receiving layer or image receiving element with processing composition prior to contact with the radiation sensitive element or layer
181	....Phenol coupler included	207	..Element structurally defined other than containing nominal processing composition container or trap, or containing processing composition container or trap made of identified material
182	....Aceto-aceto or heterocyclic coupler included	208	...Having specified processing composition retaining means
183	....P-amino or p-thio benzene diazonium compound	209	...Having specified trap
184	.....2,3 substitution of benzene nucleus	210	...Having separable carrier sheet with processing composition container or trap permanently attached thereto
185	.....Additional substituent on benzene nucleus	211	..Element or identified image receiving layers for dye image formation
186	.....P-substituent is p-heterocyclic amine	212	...Element containing silver salt sensitizer or either element or image receiving layer for use therewith
187	.....2,5 substitution of benzene nucleus	213	...Having either an identified dye mordant or image receiving layer binder other than nominal gelatin
188	...Diazo-N-sulfonate containing	214	...Having either a nonradiation sensitive scavenger layer, or an ingredient for forming scavenger or barrier layer, or an identified developing agent scavenger
189	...Quinone diazide containing	215	...Identified synthetic polymeric binder contained in nonradiation sensitive processing composition permeable layer other than an image receiving or neutralizing layer
190	...Polymeric quinone diazide	216	...Identified neutralizing layer or ingredient containing or dye stabilizer containing
191	...And monomeric processing ingredient		
192	....Polymeric mixture		
193	....O-quinone diazide		
194	...Azide containing		
195	....Polymeric azide		
196	....And monomeric processing ingredient		
197	....Polymeric mixture		
198	<b>VISIBLE IMAGING INCLUDING STEP OF FIRING OR SINTERING</b>		
199	<b>TRANSFER PROCEDURE BETWEEN IMAGE AND IMAGE LAYER, IMAGE RECEIVING LAYERS, OR ELEMENT CONTAINING AN IMAGE RECEIVING LAYER OR AN INGREDIENT FOR FORMING AN IMAGE RECEIVING LAYER</b>		
200	.Imagewise heating, element or image receiving layers therefor or imagewise vapor and gas transfer process, element or image receiving layer therefor		
201	..Imagewise vapor or gas transfer process, element or image receiving layer therefor		
202	.Diffusion transfer process, element, or identified image receiving layers therefor		
203	..By uniform application of heat, element, or image receiving layer therefor		
204	..Making printing plate		

217	....Silver halide identified-grain, identified emulsion binder other than nominal gelatin, or identified sensitizer or identified desensitizer containing	234	...Identified developing agent or silver salt complexing agent containing
218	....Identified nondye image forming developing agent, silver halide development accelerator or retarder, or dye image forming accelerator or retarder containing	235	..Dye image formation process
219	.....Silver halide developing retarder or antifoggant	236	...Using silver salt sensitizer
220	....Identified light absorbing, whitening, brightening, or reflecting agent other than nominal TiO <sub>2</sub>	237	....Using identified neutralization layer or ingredient or separate post transfer treatment of dye image
221	.....pH sensitive	238	....Using identified dye mordant or binder other than nominal gelatin
222	....Identified dye image forming compound other than colorless color developer or dye mordant containing or identified organic solvent for an incorporated ingredient	239	....Using identified nondye image forming developing agent, silver development accelerator or retarder, or dye image formation accelerator or retarder
223	.....Redox cleavable dye or dye precursor releaser	240	.....Development retarder or antifoggant
224	.....Dye developer or leuco dye developer	241	....Using identified dye forming compound other than colorless color developer or dye mordant or using identified organic solvent
225	.....Azo	242	.....Redox cleavable dye or dye precursor releaser
226	.....Coupler with coupling-off ballast, dye or dye precursor moiety	243	.....Dye developer or leuco dye developer
227	..Element or image receiving layers for silver salt or silver complex transfer	244	..Silver salt transfer process
228	...Having lenticular or color screen	245	...Exposing through color filter element
229	...Permanent laminate	246	...Processing permanent laminate
230	...Identified silver halide grain, silver halide emulsion, binder other than nominally defined gelatin, or silver halide sensitizer or desensitizer containing	247	...Having identified precipitation nuclei or identified image receiving binder other than nominal gelatin
231	...Identified precipitation nuclei or image receiving layer binder containing other than nominal gelatin	248	...Including silver transfer image toning or stabilizing, or separate post transfer treatment of element or layer containing silver image
232	....Identified organic polymeric image receiving layer binder other than nominal gelatin	249	...Developing with an identified silver halide developing agent
233	...Identified toning or silver transfer image stabilizing ingredient containing	250	....Hydroxylamine
		251	...Processing with identified silver or silver salt complexing agent
		252	.Image layer portion transfer and element therefor

253	..Separating exposed areas from unexposed or underexposed areas of image layer by transfer, element or image receiving layer therefor	270.14	...Having read-write layer of 100 per cent organic or organometallic composition or mixtures thereof
254	...Transfer process with uniform heat application and element therefor	270.15	....Containing nonpolymeric chromophore
255	...Using silver salt sensitizer and element therefor	270.16	.....Organometallic containing
256	<b>STRIPPING PROCESS OR ELEMENT</b>	270.17	.....Naphthalocyanine
257	..Forming composite image, e.g., multiple stripped image layers, etc.	270.18	.....Having methine linkage
258	..Forming nonplanar image	270.19	.....And containing quencher or stabilizer
259	..Element	270.2	.....Cyanine chromophore
260	..Stripping layer having radiation polymerizable or cross-linkable composition	270.21	.....Indolenic cyanine chromophore
261	..Strippable between two radiation-sensitive layers	271.1	..Identified backing or protective layer containing
262	..Stripping layer containing specified synthetic nonradiation sensitive polymer	272.1	...Silicon containing backing or protective layer
263	...From ethylenically unsaturated monomer	273.1	..Identified overlayer on radiation-sensitive layer
264	<b>SILVER HALIDE COLLOID TANNING PROCESS, COMPOSITION, OR PRODUCT</b>	274.1	...And radiation-sensitive chromium compound
265	..Process using lithographic infectious developer	275.1	...Metal as backing or protective layer
266	..And polymer or nonpolymer condensation reaction product	276.1	...And another backing or protective layer other than aluminum oxide
267	..And heterocyclic additive	277.1	....Copper
268	..Infectious developer composition	278.1	....Aluminum
269	<b>IMAGING AFFECTING PHYSICAL PROPERTY OF RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR OR PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT</b>	279.1	....Zinc or magnesium
270.1	..Radiation sensitive composition or product or process of making	280.1	..Radiation sensitive composition comprising oxirane ring containing component
270.11	..Optical recording nonstructural layered product having a radiation sensitive composition layer claimed or solely disclosed as optically reorderable and optically machine readable	281.1	..Radiation sensitive composition comprising ethylenically unsaturated compound
270.12	...Having read-write layer of 100 per cent inorganic composition	282.1	...N-vinylidene
270.13	....Which changes phase during recording	283.1	...Amide
		284.1	....Urethane
		285.1	...Polyester
		286.1	...Resin or prepolymer containing ethylenical unsaturation
		287.1	....Ethylenic unsaturation within the side chain component
		288.1	...Plural, terminal unsaturation
		289.1	..Radiation sensitive chromium compound
		290	..Light scattering or refractive index image formation
		291	..Post imaging treatment with particles
		292	..Readily visible image formation
		293	..Color proofing or multicolor image formation
		294	..By solvent removal



295	..Making ornamental design	332	<b>DYE IMAGE FROM RADIATION</b>
296	.Electron beam imaging		<b>SENSITIVE DYE OR DYE FORMER BY</b>
297	.Simultaneous radiation imaging and etching of substrate		<b>DRY PROCESSING, COMPOSITION,</b>
298	.Simultaneous radiation imaging and deposition of material on substrate	333	<b>OR PRODUCT</b>
299	.Simultaneous developing a resist image and etching a substrate	334	.Multiple image formation, multiple image exposure, or simultaneous radiant energy exposure
300	.Making printing plates	335	.Positive image formation from radiation sensitive dye former
301	..Multicolor		.Pretreatment processing before imaging, e.g., overall radiant energy exposure, etc.
302	..Lithographic	336	.Developing latent image using radiant energy or heat
303	...Driography	337	.Fixing or stabilizing image
304	...Coating over colloid image and removal of colloid image to leave reversed image in coating, i.e., deep etch	338	.Composition or product
305	...Continuous tone or collotype	339	..Radiation sensitive bleachable dyestuff
306	..Relief	340	..Identified sensitizer containing
307	..Intaglio or gravure	341	...Metal salt or complex
308	..Stencil	342	...Sulfur compound
309	..Post imaging process	343	...Heterocyclic
310	...Including etching of substrate	344	...Halogen compound
311	.Making electrical device	345	..Spiropyran dye or dye former
312	..Including multiple resist image formation	346	<b>VISIBLE IMAGING USING RADIATION</b>
313	..With formation of resist image, and etching of substrate or material deposition		<b>ONLY OTHER THAN HEATING BY</b>
314	...Etching of substrate and material deposition	347	<b>SURFACE CONTACT OR CONVECTION</b>
315	...Material deposition only	348	<b>COMBINED</b>
316	...Multiple etching of substrate	349	<b>THERMOGRAPHIC PROCESS</b>
317	...Insulative or nonmetallic dielectric etched	350	.Heat applied before imaging
318	...Metal etched	351	.Heat applied after imaging
319	..Named electrical device	352	..Color development
320	.Making named article	353	..During stabilization
321	..Optical device	354	..During dry development
322	.Forming nonplanar surface	355	...Including generation of vapor, moisture, etc.
323	..Including etching substrate	356	..During solvent development
324	..Including material deposition		<b>ACHROMATIC IMAGE PRODUCED FROM</b>
325	..Post image treatment to produce elevated pattern	357	<b>CHROMATIC REPRODUCTION IMAGE</b>
326	...Pattern elevated in radiation unexposed areas	358	<b>COLOR IMAGING PROCESS</b>
327	.Processing feature prior to imaging	359	.Color proofing
328	.Post imaging radiant energy exposure	360	.Color correcting
329	.Removal of imaged layers	361	..Correcting by silver image
330	.Including heating	362	..Correcting by color image produced by oxidizing bath treatment
331	.Finishing or perfecting composition or product	363	..Correcting by interimage effect
		364	.Laser or radiation exposure other than visible light
		365	.Forming combined chromatic and achromatic images
			.Forming multicolor image in a single layer

366	.Resensitizing	398	<b>REGENERATING IMAGE PROCESSING</b>
367	.Chromatic image produced from achromatic reproduction image	399	<b>COMPOSITION</b>
368	..Blue or brown print forming	400	.Developer
369	..Viewing through either a colored filter or a colored light	401	.Bleach-fix
370	..Toning	402	<b>POST IMAGING PROCESSING</b>
371	.Mordanting	403	.Achromatic image from organic compound
372	.Stabilizing	404	.With structural limitation
373	.Intensifying	405	.Using web or gel
374	.Using identified radiation sensitive composition in the formation of color image	406	.Containing developer in element
375	..Silver compound sensitizer	407	.Positive
376	...And coupler	408	..Reversal
377	....And binder, coating aid, solvent, emulsifier, hardener, chemical sensitizer, or optical sensitizer	409	..Photosolubilization
378	....Direct positive process	410	..Emulsions fogged during processing
379	.....Reversal process	411	...Identified nucleating or fogging agent
380	....And developer other than or in addition to p- phenylenediamine or derivative thereof	412	..Using fogged emulsion
381	....Polymeric or bis coupler	413	...Identified electron acceptor or desensitizer containing
382	....And either developing or dye inhibition	414	.Physical developing
383	....Forming multicolor image	415	..Amplifying
384	....Identified cyan dye color	416	..With processing ingredient in element
385	.....Substituted at coupling position with other than hydrogen	417	..Silver halide as radiation sensitive medium
386	....Identified magenta dye color	418	..Radiation reducible metal compound directly produces catalytic metal nuclei in image area
387	.....Substituted at coupling position with other than hydrogen	419	.Disparate function simultaneous process step
388	....Identified yellow dye color	420	..Develop-fix
389	.....Substituted at coupling position with other than hydrogen	421	..Develop-harden
390	...And dye	422	.Using plural sequential baths of same type
391	....Forming multicolor image	423	.Treating with processing composition prior to imaging and then developing
392	....And dye catalyst	424	.Treating with processing composition after imaging prior to developing
393	...Silver bleach or bleach-fix	425	..Desensitizing
394	<b>PLURAL EXPOSURE STEPS</b>	426	..Sensitizing
395	<b>USING REFLECTED RADIATION, E.G., REFLEX COPYING, ETC.</b>	427	..Prehardening
396	<b>EFFECTING FRONTAL RADIATION MODIFICATION DURING EXPOSURE, E.G., SCREENING, MASKING, STENCILING, ETC.</b>	428	.Treating with process composition between standard develop and fix-wash
397	.Involving motion during exposure, e.g., dodging, etc.	429	.Stabilizing
		430	..Containing additive
		431	.Bleaching
		432	..Using silver and dye bleach
		433	.Including post developing step
		434	.Developing in acid medium
			.Developing

- |     |                                                                                  |       |                                                                                                                                 |
|-----|----------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 435 | ..Using identified developer                                                     | 472   | ...Substituted at coupling position with other than hydrogen                                                                    |
| 436 | ...Plural identified developers                                                  | 473   | ...Phenol or naphthol coupler                                                                                                   |
| 437 | ....Three or more identified developers                                          | 474   | ...Pyrazolone coupler                                                                                                           |
| 438 | ....Containing hydroquinone                                                      | 475   | ...Open-chain keto methylene coupler                                                                                            |
| 439 | .....And amino substituted carbocyclic compound                                  | 476   | ...Heterocyclic coupler                                                                                                         |
| 440 | ...Heterocyclic                                                                  | 477   | ..Reducible metal compound including reducing agent, i.e., physical developer                                                   |
| 441 | ...Carbocyclic                                                                   | 478   | ..Plural developer agents containing                                                                                            |
| 442 | ....Amino substituent on carbocyclic ring                                        | 479   | ...Heavy metal organic or inorganic                                                                                             |
| 443 | ...Having developer releasing compound                                           | 480   | ...Heterocyclic developer                                                                                                       |
| 444 | ..Using polymer or condensation reaction product                                 | 481   | ....And hydroquinone                                                                                                            |
| 445 | ..Using mercapto or thione compound                                              | 482   | ...Methyl-p-aminophenol and dihydroxy benzene                                                                                   |
| 446 | ..Using heterocyclic compound                                                    | 483   | ..Heterocyclic developers                                                                                                       |
| 447 | ..Using inorganic or organometallic complex                                      | 484   | ..Amine developer                                                                                                               |
| 448 | ..Using processing ingredient in element                                         | 485   | ..Hydroxy developer                                                                                                             |
| 449 | <b>NONRADIATION SENSITIVE IMAGE PROCESSING COMPOSITIONS OR PROCESS OF MAKING</b> | 486   | ..Processing additive containing                                                                                                |
| 450 | .Process of preparing composition from plural preformed concentrates             | 487   | ...Accelerator                                                                                                                  |
| 451 | .Hardener                                                                        | 488   | ...Antisludgant                                                                                                                 |
| 452 | ..Develop-harden                                                                 | 489   | ...Antifoggant                                                                                                                  |
| 453 | ..Fix-harden                                                                     | 490   | ...Stabilizer-preservative                                                                                                      |
| 454 | .Shortstop                                                                       | 491   | ...Sequestrant                                                                                                                  |
| 455 | .Fixer                                                                           | 492   | ...Buffer                                                                                                                       |
| 456 | ..And developer                                                                  | 493   | ...Surfactant, emulsifier, or solvent                                                                                           |
| 457 | ...Forming dye image                                                             | 494   | <b>INCLUDING EXPOSURE STEP OR SPECIFIED PRE-EXPOSURE STEP PERFECTING EXPOSURE</b>                                               |
| 458 | ..Dry or concentrated                                                            | 495.1 | <b>RADIATION SENSITIVE PRODUCT</b>                                                                                              |
| 459 | ..Plural fixers                                                                  | 496   | .Structurally defined                                                                                                           |
| 460 | ..And bleach                                                                     | 497   | ..With processing ingredient container or trap                                                                                  |
| 461 | .Bleach or intensification                                                       | 498   | ...Container or trap intended to remain in finished product                                                                     |
| 462 | ..Dye bleach for color image                                                     | 499   | ...With feature to control spreading of processing ingredient                                                                   |
| 463 | .Wash or aftertreat                                                              | 500   | ...Roll film                                                                                                                    |
| 464 | .Developer                                                                       | 501   | ..Roll film                                                                                                                     |
| 465 | ..Solid or dry                                                                   | 502   | .Two or more radiation-sensitive layers containing other than that characterized by the composition of a single sensitive layer |
| 466 | ..Concentrated or viscosity increasing agent containing                          | 503   | ..Layers sensitive to different spectral regions                                                                                |
| 467 | ..Color developer                                                                | 504   | ...Ingredient for color compensation or correction containing                                                                   |
| 468 | ...Additional developer containing                                               |       |                                                                                                                                 |
| 469 | ...Including developing accelerator                                              |       |                                                                                                                                 |
| 470 | ..Coupler containing                                                             |       |                                                                                                                                 |
| 471 | ...And additional reactive compound containing                                   |       |                                                                                                                                 |

505	...Developing inhibitor or processing ingredient containing	538	..Fibrous, e.g., paper, textile, etc.
506	...And containing plural layers sensitive to the same spectral region	539	..Gelatin other than radiation sensitive type
507	...Filter layer containing	540	.Iron compound sensitizer containing
508	..Sensitive to portion only of visible spectrum or of widened spectral response	541	.Identified radiation sensitive composition with color producing substance
509	..Sensitive layers differ in speed	542	..Silver compound sensitizer
510	.Antihalation or filter layer containing	543	...Coupler containing
511	..Filters differing spectral regions in different areas of the filter, e.g., color screen	544	....And development inhibitor or development inhibitor releasing agent
512	..Filters ultraviolet radiation	545	....And identified binder
513	..Dissolvable or removable	546	....And solvent or emulsifier or coating aid
514	...Synthetic resin containing	547	....Direct positive
515	...Carbohydrate or derivative containing	548	....Polymeric or bis coupler
516	....Contains carboxyl groups	549	....Mixture of couplers
517	..Organic dye or pigment containing	550	....And chemical or optical sensitizer
518	...And mordant	551	....And antifoggant or color stabilizer
519	...Azo	552	....Phenol or naphthol coupler
520	...Triarylmethane	553	.....Substituted at coupling position with other than hydrogen
521	...Anthraquinone or quinhydrone	554	....2-pyrazolin-5-one coupler
522	...Intercyclic methine or azomethine and cyclic ring containing	555	.....Substituted at coupling position with other than hydrogen
523	.Identified backing or protective layer containing	556	...Open chain keto- methylene coupler
524	..Metal	557	.....Substituted at coupling position with other than hydrogen
525	...And another backing layer other than aluminum oxide	558	...Heterocyclic coupler
526	...Aluminum	559	...Dye containing
527	..Antistatic agent containing	560	....And optical sensitizer
528	...Ammonium salt	561	....Azo dye
529	...Organic carboxylic, sulfur or phosphorus acid or salt	562	.....Monoazo
530	...Elemental metal or metal salt	563	.....Diazo
531	..Synthetic resin or cellulose derivative containing	564	.Silver compound sensitizer containing
532	...Subjected to radiation, flame, or corona discharge	565	..Achromatic image forming organic compound
533	...Polyester or polycarbonate	566	..Developing or fixing agents containing for liquid processing
534	....Next to polymer of unsaturated monomer	567	..Silver compound having specified crystal form, habit, particle size or particle size distribution
535	.....Polymer of unsaturated ester or halide		
536	...Polymer of unsaturated monomer		
537	....In nonradiation-sensitive layer including gelatin		

- 568 ...Having particle size of 100 millimicrons or less, e.g., Lippmann type, etc.
- 569 ...Including manipulative emulsification step
- 570 ...Spectral sensitizing
- 571 ...Mixed grain
- 572 ...Multiple sensitizers or supersensitizing
- 573 ....Polyheteronuclear sensitizer
- 574 ....Two or more cyanine sensitizers
- 575 ....Inorganic material containing
- 576 ....Cyanine sensitizer
- 577 .....Merocyanine compound
- 578 ...Polyhetero nuclear containing at least three heterocyclic nuclei
- 579 ....Four or more distinct heterocyclic nuclei
- 580 ...Styryl sensitizer
- 581 ...Cyanine sensitizer
- 582 ....Methine linked six-membered heterocyclic rings
- 583 ....Containing odd number of methine groups
- 584 .....Five or more methine groups
- 585 .....Three methine groups, i.e., carbocyanines
- 586 .....Linking six-membered hetero to five-membered hetero
- 587 .....Hetero ring bridged or fused to hetero ring
- 588 .....Hetero rings bridged or fused to carbocyclic rings
- 589 .....Direct positive
- 590 .....Only one hetero ring fused or bridged to carbocyclic ring
- 591 ...Two or more separate ring structures
- 592 ...Intercyclic methine chain sensitizer
- 593 ....Methine linked hetero ring with hetero group bridged or fused thereto
- 594 .....One or both methine linked rings carbocyclic
- 595 .....Odd number of carbons in acyclic methine chain
- 596 ...Fogged direct positive
- 597 ...Identified desensitizer or electron acceptor containing
- 598 ...Fogging or nucleating agent containing
- 599 ..Hypersensitizing or latensifying ingredient containing
- 600 ...Heterocyclic N, O, S, Se, or Te compound containing
- 601 ...Phosphorus compound
- 602 ...Polyoxyalkylene compound
- 603 ...S, Se, or Te or compound thereof
- 604 ...Heavy metal or compound thereof
- 605 ....Noble metal or compound thereof
- 606 ..Desensitizing ingredient containing
- 607 ..Stabilizing or fog inhibiting ingredient containing
- 608 ...Inorganic material
- 609 ...Synthetic organic polymer
- 610 ...Phosphorus compound
- 611 ...Mercaptan, thioether, thione, disulfide or organic bisulfite
- 612 ...Organic metal compound
- 613 ...Heterocyclic compound
- 614 ....Polyhetero atom ring
- 615 .....Polyhetero atom ring fused to another ring having polyhetero atoms
- 616 ..Composition for visible imaging by radiation only
- 617 ..Silver compound other than halide, per se, or composition for thermographic process process
- 618 ...Organic silver compound containing
- 619 ....And inorganic silver compound
- 620 ....Silver salt of organic acid
- 621 ..Hardening ingredient containing
- 622 ...Vinylidene compound
- 623 ...Heterocyclic compound
- 624 ....Epoxide, i.e., oxirane
- 625 ....Aziridine
- 626 ....Triazine including hydrogenated triazine
- 627 ..Resin or synthetic polymer containing
- 628 ...Protein or other natural colloid or derivative containing
- 629 ...Sulfur or sulfur compound containing
- 630 ...Heterocyclic compound containing, e.g., heterocyclic monomer, etc.

631	..Film or film coating improvement ingredient containing, e.g., wetting agent, coating aid, plasticizer, antistatic agent, etc.	905	..Radiation sensitive composition or product or process of making
632	...Rosin acid or derivative	906	..Binder containing
633	...Higher fatty acid or derivative	907	...Polyamide or polyurethane
634	...Polycarboxylic or polysulfoxy acid or derivative	908	...Polyolefin or halogen containing
635	...Carboxylic acid or derivative	909	...Polyester
636	...Sulfoxy compound or derivative	910	...Vinyl alcohol polymer or derivative
637	...Polyglycidol, polyglycol, polyoxyalkylene oxide, or ether or ester thereof	911	...Polymer of unsaturated acid or ester
638	...Alkyl or cycloalkyl alcohol or ether or ester thereof	912	...Cellulosic
639	..Carbohydrate or derivative containing	913	...With plasticizer
640	...Gelatin or derivative containing	914	..Initiator containing
641	...Cellulose or derivative, e.g., regenerated cellulose, etc.	915	...Cationic or anionic
642	..Gelatin or derivative containing	916	...Redox or dye sensitizer
643	..Casein or derivative containing	917	...Free radical
644	<b>MISCELLANEOUS</b>	918	...With inhibitor or stabilizer
		919	...Hydroxyl or carbonyl group containing as sole functional groups
		920	...Nitrogen compound containing
		921	....Nitrogen in heterocyclic ring
		922	...Sulfur compound containing
		923	....Sulfur in heterocyclic ring
		924	...Carbonyl compound containing
		925	....Carbonyl in heterocyclic compound
		926	...Halogen compound containing
		927	..Spectral sensitizer containing
			..Radiation-activated cross-linking agent containing

**CROSS-REFERENCE ART COLLECTIONS**

	<b>ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY, ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS, COMPOSITION, OR PRODUCT</b>	928	<b>AERIAL FILMS OR PROCESSES SPECIFICALLY ADAPTED FOR AERIAL RADIATION IMAGERY</b>
900	..Donor-acceptor complex photoconductor	929	<b>ANTIBRONZE AGENT OR PROCESS</b>
901	..Photoconductor powder	930	<b>ANTICURL LAYER</b>
902	..Electrically charging radiation-conductive surface	931	<b>ANTI-ULTRAVIOLET FADING</b>
970	..Radiation sensitive composition or product containing specified antioxidant	932	<b>BINDER-FREE EMULSION</b>
903	..One component toner	933	<b>BRIGHTENER CONTAINING</b>
904	..Polymer in developer	934	<b>CINE FILM</b>
	<b>IMAGING AFFECTING PHYSICAL PROPERTY OR RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR OR PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT</b>	935	<b>COATING PROCESS MAKING RADIATION SENSITIVE ELEMENT</b>
		936	<b>COBALT COMPLEX CONTAINING</b>
		937	<b>CORONA DISCHARGE PROCESS</b>
		938	<b>DEFECT COATING</b>
		939	<b>DIMENSIONALLY STABLE MATERIAL</b>
		940	<b>DIRECT POSITIVE MATERIAL</b>
		941	<b>DYE MORDANT</b>
		942	<b>ELECTRON BEAM</b>
		943	<b>HYDROGEN PEROXIDE TREATMENT</b>
		944	<b>INFRARED</b>
		945	<b>LASER BEAM</b>

946 LENTICULAR  
947 LIGHT SENSITIVE TITANIUM COMPOUND  
CONTAINING  
948 LIPPMANN  
949 LITHOGRAPHIC EMULSION  
950 MATTING OR OTHER SURFACE  
REFLECTIVITY ALTERING MATERIAL  
951 MAKING CAMERA COPY, E.G.,  
MECHANICAL NEGATIVE, ETC.  
952 MULTIPLE IMAGE PRODUCING ON  
SINGLE RECEIVER  
953 NEUTRON BEAM  
954 NONRESINOUS ADDITIVE TO PROMOTE  
INTERLAYER ADHESION IN ELEMENT  
955 PRECURSOR COMPOUND  
956 .Interlayer correction coupler  
(ICC)  
957 .Development inhibitor releaser  
(DIR)  
958 .Development dye releaser (DDR)  
959 .Blocked developers  
960 .Blocked restrainers  
961 PROTECTIVE OR ANTIABRASION LAYER  
962 RADIATION-CHROMIC COMPOUND  
963 RAPID ACCESS PROCESSING  
964 THERMAL IMAGING COMPOSITION  
965 TONER CONTAINING  
966 X-RAY  
967 .X-ray exposure process

**FOREIGN ART COLLECTIONS**

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